	Application No.	A1:4/-)
Notice of Allowability	Application No.	Applicant(s)
	09/912,252	CROZE ET AL.
	Examiner	Art Unit
	Quang Nguyen, Ph.D.	1633
The MAILING DATE of this communication apperation allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communication GHTS. This application is subject t	pplication. If not included n will be mailed in due course. THIS
1. This communication is responsive to <u>3/01/06</u> .		
2. The allowed claim(s) is/are 43-50.		
3. Acknowledgment is made of a claim for foreign priority un a) All b) Some* c) None of the:		
1. Certified copies of the priority documents have been received.		
2. Certified copies of the priority documents have been received in Application No		
3. Copies of the certified copies of the priority documents have been received in this national stage application from the		
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		
4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give		
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date	,	·
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	Amendment / Comment or in the C	Office action of
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the		
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
Attachment(s) 1. Notice of References Cited (PTO-892)	5. ☐ Notice of Informal F	Patent Application (PTO-152)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☑ Interview Summary	
_	Paper No./Mail Da	te
3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date	_	
4. Examiner's Comment Regarding Requirement for Deposit of Biological Material		ent of Reasons for Allowance
	9.	
	QUAN PAT	IG NGDYEN; PH.D ENT EXAMINED

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Ms. Wendy L. Washtien on May 04, 2006-May 08, 2006.

In the claims:

Claims 28-30, 35-40 and 42 were cancelled. Additionally, non-entered claims

25-27 were cancelled. The following new claims 43-50 were added.

Claim 43 (New) A method for enhancing type I IFN growth inhibition of a

human tumor target cell population possessing functional interferon alpha receptor 2c

(IFNAR2c) polypeptide chains, said method comprises the steps of:

(a) introducing an exogenous polynucleotide encoding a human IFNAR2c

polypeptide chain directly into cells of said human tumor target cell population to

produce modified target cells, wherein the modified target cells possess an increased

number of functional IFNAR2c polypeptide chains on their cell surface as compared

with unmodified target cells, and

contacting the modified target cells with a therapeutically effective amount (b)

of a human type I IFN,

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wherein the growth inhibition in the presence of the therapeutically effective amount of a human type I IFN for the modified target cells is enhanced as compared with unmodified target cells.

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Claim 44 (New) The method of claim 43, wherein the human type I IFN is a type I α -IFN, a type I β -IFN, or a type I ω -IFN.

Claim 45 (New) The method of claim 43, wherein said exogenous polynucleotide is a viral vector encoding the human IFNAR2c polypeptide chain.

Claim 46 (New) The method of claim 45, wherein the viral vector is a retroviral vector or an adenoviral vector.

Claim 47 (New) The method of claim 43, wherein said exogenous polynucleotide is introduced directly into cells of said human tumor target cell population by electroporation.

Claim 48 (New) The method of claim 43, wherein the growth inhibition is enhanced by at least 5%.

Claim 49 (New) The method of claim 43, wherein the growth inhibition is enhanced by at least 10%.

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Claim 50 (New) The method of claim 45, wherein said viral vector further comprises a polynucleotide encoding a human type I IFN.

It is noted that the set of Drawings, filed on 07/25/2001, was accepted by the Examiner.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang Nguyen, Ph.D., whose telephone number is (571) 272-0776.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's SPE, Dave Nguyen, may be reached at (571) 272-0731.

To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Group Art Unit 1633; Central Fax No. (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to (571) 272-0547.

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GUANG NGUYEN, PAD PATENT EXAMINER

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